

What is claimed is:

1. An exit sign comprising:
 - a housing,
 - a plurality of LEDs having the capability of being selectively activated to produce either red light or green light, said plurality of LEDs being mounted in mutual lighting association in said housing,
 - means for selective activation of said plurality of LEDs to produce either said red light or said green light,
 - means for passing light from selected said red light or selected said green light in the form of indicia symbolizing an exit enabling viewing by an observer,
 - means for optically diffusing said light positioned in said housing juxtaposed to said plurality of LEDs and said means for passing light,
 - DC circuitry in operative electrical connection with said plurality of LEDs, and
 - a source of DC electrical power activating said DC circuitry.
2. The exit sign according to claim 1, wherein said plurality of LEDs further having the capability of being selectively activated by said means for selective activation to simultaneously emit both said red light and said green light so as to produce yellow light, and wherein said means for selective activation of said plurality of LEDs to produce both of said red light and said green light includes means to produce both said red light and said green light so as to produce said yellow light, wherein said yellow light passes through said means for passing light enabling viewing of said indicia by an observer.
3. The exit sign according to claim 1, wherein said plurality of LEDs includes a plurality of monochrome red LEDs and a plurality of monochrome green LEDs, each said monochrome red LED having the capability of being activated by said means for selective

activation to produce said red light, and each of said monochrome green LED having the capability of being activated by said means for selective activation to produce said green light.

4. The exit sign according to claim 1, wherein said plurality of LEDs includes a plurality of bicolor LEDs, each said bicolor LED having the capability of being activated by said means for selective activation to produce either said red light or said green light.

5. The exit sign according to claim 1, wherein said means for optically diffusing said light is an optical diffuser.

6. The exit sign according to claim 1, wherein said means for passing light in the form of indicia is a non-transparent stencil defining light passageway openings forming said indicia, said light passing through said light passageway openings enabling viewing of said indicia by an observer.

7. The exit sign according to claim 1, wherein said means for passing light in the form of indicia is a translucent stencil having non-transparent areas and transparent areas, said transparent areas forming said indicia, said light passing through said transparent areas enabling viewing of said indicia by an observer.

8. The exit sign according to claim 1, wherein said indicia symbolizing an exit is four independent letters forming the word EXIT.

9. The exit sign according to claim 1, wherein said indicia includes at least one symbol indicating an exit.

10. The exit sign according to claim 9, wherein said at least one symbol is a chevron arrow.
11. The exit sign according to claim 1, wherein said means for selective activation to produce either of said red light or said green light is a switch.
12. The exit sign according to claim 11, wherein said switch includes the capability to simultaneously activate both said red light and said green light so as to produce yellow light.
13. The exit sign according to claim 1, further including battery means for providing emergency DC power to said plurality of LEDs in the event of failure of electrical DC power.
14. The exit sign according to claim 13, further including means for providing emergency light including a plurality of monochrome LEDs, said means for producing emergency light being in electrical connection to said battery means.
15. An exit sign comprising:
 - a housing,
 - a plurality of monochrome red LEDs and a plurality of monochrome green LEDs having the capability of being selectively activated to produce either red light or green light, said plurality of monochrome red LEDs and said monochrome green being mounted in mutual lighting association in said housing,
 - means for selective activation of either said plurality of monochrome red LEDs to

produce said red light or said plurality of monochrome green LEDs to produce said green light,

means for passing light from selected said red light or selected said green light in the form of indicia symbolizing an exit enabling viewing by an observer,

means for optically diffusing said red light or said green light positioned in said housing juxtapositioned to said plurality of monochrome red LEDs and said plurality of monochrome green LEDs and said means for passing light,

DC circuitry in operative electrical connection with said plurality of monochrome red LEDs and said plurality of monochrome green LEDs, and

a source of DC electrical power activating said DC circuitry.

16. The exit sign according to claim 15, wherein said plurality of monochrome red LEDs and monochrome green LEDs have the capability of being selectively activated by said means for selective activation to simultaneously emit both said red light and said green light so as to produce yellow light, wherein said yellow light passes through said means for passing light enabling viewing of said indicia by an observer.

17. The exit sign according to claim 15, wherein said means for passing light in the form of indicia is a non-transparent stencil defining light passageway openings forming said indicia, said light passing through said light passageway openings enabling viewing of said indicia by an observer.

18. The exit sign according to claim 15, wherein said means for passing light in the form of indicia is a translucent stencil having non-transparent areas and transparent areas, said transparent areas forming said indicia, said light passing through said transparent areas enabling viewing of said indicia by an observer.

19. The exit sign according to claim 15, wherein said indicia symbolizing an exit is four independent letters forming the word EXIT.

20. The exit sign according to claim 15, wherein said indicia includes at least one symbol indicating an exit.

21. The exit sign according to claim 20, wherein said at least one symbol is a chevron arrow.

22. The exit sign according to claim 15, wherein said means for selective activation of said plurality of LEDs to produce either said red light and said green light is a switch.

23. The exit sign according to claim 22, wherein said switch includes the capability to simultaneously activate both said red light and said green light so as to produce yellow light.

24. The exit sign according to claim 15, wherein said means for optically diffusing said red and green light is an optical diffuser.

25. The exit sign according to claim 15, further including battery means for providing emergency DC power to said plurality of monochrome red LEDs and said plurality of monochrome green LEDs in the event of failure of electrical DC power.

26. The exit sign according to claim 15, further including means for providing emergency light including a plurality of monochrome LEDs, said means for producing

emergency light being in electrical connection to said battery means.

27. An exit sign comprising:
 - a housing,
 - a plurality of bicolor red and green LEDs having the capability of being selectively activated to produce either red light or green light, said plurality of bicolor red and green LEDs being mounted in mutual lighting association in said housing;
 - means for selective activation of said plurality of bicolor LEDs to produce either said red light or said green light,
 - means for passing light from selected said red light or selected said green light in the form of indicia symbolizing an exit enabling viewing by an observer,
 - means for optically diffusing said red light or said green light positioned in said housing juxtapositioned to said plurality of bicolor red and green LEDs and said means for passing light,
 - DC circuitry in operative electrical connection with said plurality of bicolor red and green LEDs, and
 - a source of DC electrical power activating said DC circuitry.

28. The exit sign according to claim 27, wherein said plurality of bicolor red and green LEDs have the capability of being selectively activated by said means for selective activation to simultaneously emit both said red light and said green light so as to produce yellow light, wherein said yellow light passes through said means for passing light enabling viewing of said indicia by an observer.

29. The exit sign according to claim 27, wherein said means for passing light in the form of indicia is a non-transparent stencil defining light passageway openings forming said

indicia, said light passing through said light passageway openings enabling viewing of said indicia by an observer.

30. The exit sign according to claim 27, wherein said means for passing light in the form of indicia is a translucent stencil having non-transparent areas and transparent areas, said transparent areas forming said indicia, said light passing through said transparent areas enabling viewing of said indicia by an observer.

31. The exit sign according to claim 27, wherein said indicia symbolizing an exit is four independent letters forming the word EXIT.

32. The exit sign according to claim 27, wherein said indicia includes at least one symbol indicating an exit.

33. The exit sign according to claim 32, wherein said at least one symbol is a chevron arrow.

34. The exit sign according to claim 27, wherein said means for selective activation of said plurality of bicolor LEDs to produce either said red light or said green light is a switch.

35. The exit sign according to claim 34, wherein said switch includes the capability to simultaneously activate both said red light and said green light of said plurality of bicolor red and green LEDs so as to produce yellow light.

36. The exit sign according to claim 27, wherein said mean for optically diffusing

said red and green light is an optical diffuser.

37. The exit sign according to claim 27, further including battery means for providing emergency DC power to said plurality of bicolor red and green LEDs in the event of failure of electrical DC power.

38. The exit sign according to claim 27, further including means for providing emergency light including a plurality of monochrome LEDs, said means for producing emergency light being in electrical connection to said battery means.